

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/001881

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04B 1/69

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04B 1/69 707, 7/214 26, H04J 13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
search terms : CDMA, spread spectrum, peak-to-average ratio, Walsh(orthogonal) code

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PY	US 20030157887 A1 21 Aug. 2003 claims 1-6	1-3
Y	US 5991262 A1 23 Nov. 1999 (Motorola Inc.) claims 1, 13	1-3
A	US 6310869 B1 30 Oct. 2001 claims 1, 10, 19, 29, 35	1-3
A	US 6396868 B1 28 May 2002 (Samsung Electronics Co.) claims 1, 4, 7, 12, 13, 15	1-3

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 OCTOBER 2004 (28.10.2004)

Date of mailing of the international search report

28 OCTOBER 2004 (28.10.2004)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

JEONG, Jae Woo

Telephone No. 82-42-481-5718



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001881

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 20030157887 A1	21 Aug. 2003	WO 03/071707 A1	28 Aug. 2003
US 5991262 A1	23 Nov. 1999	EP 1021881 A1 JP 2001-517401 A WO 98/044668 A1	26 July 2000 2 Oct. 2001 8 Oct. 1998
US 6310869 B1	30 Oct. 2003	EP 1110360 A2 JP 2002-524911 WO 00/013337 A3	27 June 2001 6 Aug. 2002 9 Mar. 2000
US 6396868 B1	28 May 2002	EP 0903871 B1 JP 2947796 B2	24 Mar. 1999 2 July 1999